

FORM PTO-1449 THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1700.0190005/BJD/SJE	APPLICATION NO. 10/050,898
		APPLICANT Renner et al.	
		FILING DATE January 18, 2002	GROUP 1645

U.S. PATENT DOCUMENTS

EXAMINER INITIAL TYPE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA1	5,935,821	08/10/1999	Chatterjee et al.			11/21/1996
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
MM	WO 99/28478	06/10/1999	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	79	Kozlovska, T.M., et al., "RNA Phage Q β Coat Protein as a Carrier for Foreign Epitopes," <i>Intervirology</i> 39:9-15, S. Karger AG (1996).
	AS	79	Kratz, P.A., et al., "Native display of complete foreign protein domains on the surface of hepatitis B virus capsids," <i>Proc. Natl. Acad. Sci. USA</i> 96:1915-1920, National Academy of Sciences (1999).
	AT	79	Nieland, J.D., et al., "Chimeric Papillomavirus Virus-like Particles Induce a Murine Self-Antigen-Specific Protective and Therapeutic Antitumor Immune Response," <i>J. Cell. Biochem.</i> 73:145-152, Wiley-Liss, Inc. (1999).

EXAMINER	DATE CONSIDERED
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3	WO 99/57289	11/11/1999	WIPO			Yes No
	AM3	WO 00/50461	08/31/2000	WIPO			Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>80</u>	Slepushkin, V.A., et al., "Protection of mice against influenza A virus challenge by vaccination with baculovirus-expressed M2 protein," Vaccine 13:1399-1402, Elsevier Science Ltd. (1995).
	AS	<u>80</u>	Vasiljeva, I., et al., "Mosaic Q β coats as a new presentation model," FEBS Lett. 431:7-11, Federation of European Biochemical Societies (1998).
	AT	<u>80</u>	International Search Report for International Application No. PCT/IB 02/00166, mailed January 31, 2003, European Patent Office, Netherlands.

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	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR						
	AS						
	AT	95	NCBI Entrez, GenBank Report, Accession No. P03153, from Seeger, C., et al. (January 1990)				
EXAMINER				DATE CONSIDERED			

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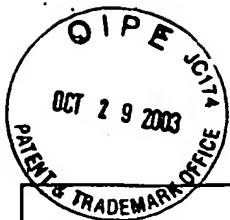
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>96</u>	NCBI Entrez, GenBank Report, Accession No. X59397, from Jordan, C.T., et al. (November 1991)				
	AS	<u>96</u>	NCBI Entrez, GenBank Report, Accession No. 711678A, from Shipolini, R.A., et al. (July 1992)				
	AT	<u>96</u>	NCBI Entrez, GenBank Report, Accession No. M27603, from Orndorff, P.E., and Falkow, S. (April 1993)				

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>97</u>	NCBI Entrez, GenBank Report, Accession No. M20706, from Nassal M. (April 1993)				
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AS	<u>97</u>	NCBI Entrez, GenBank Report, Accession No. AAA37490, from Rouvier E. (July 1993)				
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AT	<u>97</u>	NCBI Entrez, GenBank Report, Accession No. M90520, from Kew, M.C., et al. (August 1993)				

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>98</u>	NCBI Entrez, GenBank Report, Accession No. X00981, from Klemm, P. (September 1993)				
	AS	<u>98</u>	NCBI Entrez, GenBank Report, Accession No. VCBPQB, from Maita, T., and Konigsberg, W. (December 1993)				
	AT	<u>98</u>	NCBI Entrez, GenBank Report, Accession No. AAA16663, from Kozlovska, T.M., et al. (March 1994)				

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>99</u>	NCBI Entrez, GenBank Report, Accession No. X02514, from Yanisch-Perron, C., et al. (May 1994)				
	AS	<u>99</u>	NCBI Entrez, GenBank Report, Accession No. X85256, from Lai, M.E., et al. (April 1995)				
	AT	<u>99</u>	NCBI Entrez, GenBank Report, Accession No. X85259, from Lai, M.E., et al., (April 1995)				

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>100</u>	NCBI Entrez, GenBank Report, Accession No. X85260, from Lai, M.E., et al. (April 1995)				
	AS	<u>100</u>	NCBI Entrez, GenBank Report, Accession No. X85272, from Lai, M.E., et al. (April 1995)				
	AT	<u>100</u>	NCBI Entrez, GenBank Report, Accession No. X85275, from Lai, M.E., et al. (April 1995)				

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>101</u>	NCBI Entrez, GenBank Report, Accession No. X85284, from Lai, M.E., et al. (April 1995)				
	AS	<u>101</u>	NCBI Entrez, GenBank Report, Accession No. X85285, from Lai, M.E., et al. (April 1995)				
	AT	<u>101</u>	NCBI Entrez, GenBank Report, Accession No. X85286, from Lai, M.E., et al. (April 1995)				
EXAMINER					DATE CONSIDERED		
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	AN						Yes No	
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MARY E. MOSHER, PH.D.	AR	<u>102</u>	NCBI Entrez, GenBank Report, Accession No. X85287, from Lai, M.E., et al. (April 1995)					
	AS	<u>102</u>	NCBI Entrez, GenBank Report, Accession No. X85291, from Lai, M.E., et al. (April 1995)					
	AT	<u>102</u>	NCBI Entrez, GenBank Report, Accession No. X85293, from Lai, M.E., et al. (April 1995)					
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	AM						Yes No
	AN						Yes No
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	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>103</u>	NCBI Entrez, GenBank Report, Accession No. X85295, from Lai, M.E., et al. (April 1995)				
	AS	<u>103</u>	NCBI Entrez, GenBank Report, Accession No. X85296, from Lai, M.E., et al. (April 1995)				
	AT	<u>103</u>	NCBI Entrez, GenBank Report, Accession No. X85297, from Lai, M.E., et al. (April 1995)				
EXAMINER					DATE CONSIDERED		
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>104</u>	NCBI Entrez, GenBank Report, Accession No. X85298, from Lai, M.E., et al. (April 1995)				
	AS	<u>104</u>	NCBI Entrez, GenBank Report, Accession No. X85299, from Lai, M.E., et al. (April 1995)				
	AT	<u>104</u>	NCBI Entrez, GenBank Report, Accession No. X85301, from Lai, M.E., et al. (April 1995)				

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>105</u>	NCBI Entrez, GenBank Report, Accession No. X85302, from Lai, M.E., et al. (April 1995)
	AS	<u>105</u>	NCBI Entrez, GenBank Report, Accession No. X85303, from Lai, M.E., et al. (April 1995)
	AT	<u>105</u>	NCBI Entrez, GenBank Report, Accession No. X85305, from Lai, M.E., et al. (April 1995)

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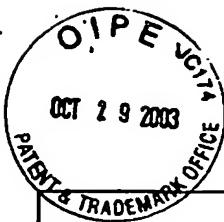
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>106</u>	NCBI Entrez, GenBank Report, Accession No. X85307, from Lai, M.E., et al. (April 1995)				
	AS	<u>106</u>	NCBI Entrez, GenBank Report, Accession No. X85311, from Lai, M.E., et al. (April 1995)				
	AT	<u>106</u>	NCBI Entrez, GenBank Report, Accession No. X85314, from Lai, M.E., et al. (April 1995)				
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>107</u>	NCBI Entrez, GenBank Report, Accession No. X85315, from Lai, M.E., et al. (April 1995)
	AS	<u>107</u>	NCBI Entrez, GenBank Report, Accession No. X85316, from Lai, M.E., et al. (April 1995)
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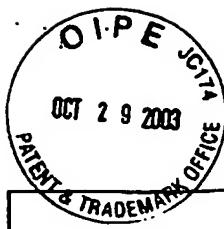
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>108</u>	NCBI Entrez, GenBank Report, Accession No. X85319, from Lai, M.E., et al. (April 1995)				
	AS	<u>108</u>	NCBI Entrez, GenBank Report, Accession No. X80925, from Karayiannis, P. (December 1995)				
	AT	<u>108</u>	NCBI Entrez, GenBank Report, Accession No. AAC50341, from Yao, Z., et al. (January 1996)				

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

04/03/2006



FORM PTO-1449 SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 1700.0190005/BJD/SJE	APPLICATION NO. 10/050,898
			APPLICANT RENNER et al.	
			FILING DATE January 18, 2002	GROUP 1645

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>109</u>	NCBI Entrez, GenBank Report, Accession No. X72702, from Preisler-Adams, S., et al. (February 1996)				
	AS	<u>109</u>	NCBI Entrez, GenBank Report, Accession No. VCBPR7, from Weber, K., et al. (April 1996)				
	AT	<u>109</u>	NCBI Entrez, GenBank Report, Accession No. 1604193A, from Gomez, P., et al. (October 1996)				

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		APPLICANT RENNER et al.	FILING DATE January 18, 2002

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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>110</u>	NCBI Entrez, GenBank Report, Accession No. B56338, from Hoffman, D.R. (May 1997)				
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AS	<u>110</u>	NCBI Entrez, GenBank Report, Accession No. U95551, from Rao, B.S., et al. (June 1997)				
	AT	<u>110</u>	NCBI Entrez, GenBank Report, Accession No. S14764, from Vandermeers, A., et al. (October 1997)				

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			APPLICANT RENNER et al.				
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>111</u>	NCBI Entrez, GenBank Report, Accession No. P03611, from Weber, K., et al. (November 1997)				
	AS	<u>111</u>	NCBI Entrez, GenBank Report, Accession No. AAC14699, from Beekwilder, M.J., et al. (April 1998)				
	AT	<u>111</u>	NCBI Entrez, GenBank Report, Accession No. AAC14704, from Beekwilder, M.J., et al. (April 1998)				
EXAMINER					DATE CONSIDERED		
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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>112</u>	NCBI Entrez, GenBank Report, Accession No. AF043593, from Gunther, S., et al. (May 1998)
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AS	<u>112</u>	NCBI Entrez, GenBank Report, Accession No. 1POC, from Scott, D.L., et al. (September 1998)
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AT	<u>112</u>	NCBI Entrez, GenBank Report, Accession No. CAA30374, from Inokuchi, Y., et al. (February 1999)

EXAMINER

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>113</u>	NCBI Entrez, GenBank Report, Accession No. X02496, from Bichko, V., et al. (April 1999)				
	AS	<u>113</u>	NCBI Entrez, GenBank Report, Accession No. MFIV62, from Cox, N.J., et al. (July 1999)				
	AT	<u>113</u>	NCBI Entrez, GenBank Report, Accession No. VCBPFR, from Wittmann-Liebold, B., et al. (July 1999)				
EXAMINER				DATE CONSIDERED			
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FORM PTO-1449 <u>SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>			PATENT NUMBER 1700.0190005/BJD/SJE		DECLARATION NO. 10/050,898		
			APPLICANT RENNER et al.				
			FILING DATE January 18, 2002		GROUP 1645		
U. S. PATENT DOCUMENTS							
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>114</u>	NCBI Entrez, GenBank Report, Accession No. A59055, from Hoffman, D.R., and Schmidt, J.O. (August 1999)				
	AS	<u>114</u>	NCBI Entrez, GenBank Report, Accession No. B59055, from Hoffman, D.R., and Schmidt, J.O. (August 1999)				
	AT	<u>114</u>	NCBI Entrez, GenBank Report, Accession No. AF051814, from Boyd, E.F., and Hartl, D.L. (September 1999)				
EXAMINER				DATE CONSIDERED			
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			APPLICANT RENNER et al.				
			FILING DATE January 18, 2002		GROUP 1645		
U.S. PATENT DOCUMENTS							
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>115</u>	NCBI Entrez, GenBank Report, Accession No. AF051815, from Boyd, E.P., and Hartl, D.L. (September 1999)				
	AS	<u>115</u>	NCBI Entrez, GenBank Report, Accession No. AF110999, from Chang, S.P., et al. (October 1999)				
	AT	<u>115</u>	NCBI Entrez, GenBank Report, Accession No. AB033559, from Okamoto, H., et al. (October 1999)				
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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			APPLICANT RENNER et al.				
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	AN						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>116</u>	NCBI Entrez, GenBank Report, Accession No. AB010289, from Koseki, T., et al. (December 1999)				
	AS	<u>116</u>	NCBI Entrez, GenBank Report, Accession No. AJ132364, from Graupner, S., et al. (April 2000)				
	AT	<u>116</u>	NCBI Entrez, GenBank Report, Accession No. AF237482, from Johnson, J.R., et al. (May 2000)				
EXAMINER				DATE CONSIDERED			
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FORM PTO-1449 <u>SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>			1700.0190005/BJD/SJE		10/050,898		
			APPLICANT RENNER et al.				
			FILING DATE January 18, 2002		GROUP 1645		
U. S. PATENT DOCUMENTS							
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>117</u>	NCBI Entrez, GenBank Report, Accession No. M32138, from Tong, S.P., et al. (July 2000)				
	AS	<u>117</u>	NCBI Entrez, GenBank Report, Accession No. AF229646, from Skerker, J.M., and Shapiro, L. (August 2000)				
	AT	<u>117</u>	NCBI Entrez, GenBank Report, Accession No. M95589, from Shi, H., et al. (January 2001)				
EXAMINER					DATE CONSIDERED		
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	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>118</u>	NCBI Entrez, GenBank Report, Accession No. VCBPM2, from Min Jou, W., et al. (January 2001)				
	AS	<u>118</u>	NCBI Entrez, GenBank Report, Accession No. AF323080, from Steppan, C.M., et al. (January 2001)				
	AT	<u>118</u>	NCBI Entrez, GenBank Report, Accession No. AF323081, from Steppan, C.M., et al. (January 2001)				
EXAMINER					DATE CONSIDERED		

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>119</u>	NCBI Entrez, GenBank Report, Accession No. U14003, from Plunket, G., III, et al. (January 2001)				
	AS	<u>119</u>	NCBI Entrez, GenBank Report, Accession No. AF121239, from Hannoun, C., et al. (February 2001)				
	AT	<u>119</u>	NCBI Entrez, GenBank Report, Accession No. AF121240, from Hannoun, C., et al. (February 2001)				

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AO							Yes No
AP							Yes No

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MARY E. MOSHER, PH.D.	AR	<u>120</u>	NCBI Entrez, GenBank Report, Accession No. AF121242, from Hannoun, C., et al. (February 2001)				
MARY E. MOSHER, PH.D.	AS	<u>120</u>	NCBI Entrez, GenBank Report, Accession No. X59795, from Lai, M.E., et al. (March 2001)				
MARY E. MOSHER, PH.D.	AT	<u>120</u>	NCBI Entrez, GenBank Report, Accession No. X65257, from Lai, M.E., et al. (March 2001)				

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>121</u>	NCBI Entrez, GenBank Report, Accession No. X65258, from Lai, M.E., et al. (March 2001)				
	AS	<u>121</u>	NCBI Entrez, GenBank Report, Accession No. AF151735, from Gerner, P., et al. (April 2001)				
	AT	<u>121</u>	NCBI Entrez, GenBank Report, Accession No. AJ000636, from Gousset, N., et al. (November 2001)				

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>122</u>	NCBI Entrez, GenBank Report, Accession No. AAB59424, from Kenten, J.H., et al. (February 2002)
	AS	<u>122</u>	NCBI Entrez, GenBank Report, Accession No. AAC06250, from Beekwilder, M.J., et al. (March 2002)
	AT	<u>122</u>	NCBI Entrez, GenBank Report, Accession No. L09137, from Yanisch-Perron, C., et al. (May 2002)

EXAMINER	DATE CONSIDERED

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FORM PTO-1449

 SIXTH SUPPLEMENTAL
 INFORMATION DISCLOSURE STATEMENT

 ATTY. DOCKET NO.
 1700.0190005/BJD/SJE

 APPLICATION NO.
 10/050,898

 APPLICANT
 RENNER et al.

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>123</u>	NCBI Entrez, GenBank Report, Accession No. O09006, from Hromas, R., et al. (June 2002)
	AS	<u>123</u>	NCBI Entrez, GenBank Report, Accession No. P40224, from Nagasawa, T., et al. (June 2002)
	AT	<u>123</u>	NCBI Entrez, GenBank Report, Accession No. P34884, from Bernhagen, J., et al. (June 2002)

EXAMINER

DATE CONSIDERED

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FORM PTO-1449 SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1700.0190005/BJD/SJE	APPLICATION NO. 10/050,898	
		APPLICANT RENNER et al.		
		FILING DATE January 18, 2002	GROUP 1645	

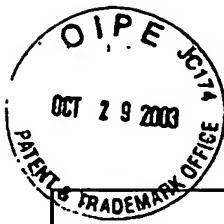
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS							
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>124</u>	NCBI Entrez, GenBank Report, Accession No. P06821, from Winter, G., et al. (June 2002)				
	AS	<u>124</u>	NCBI Entrez, GenBank Report, Accession No. P30904, from Sakai, M., et al. (June 2002)				
	AT	<u>124</u>	NCBI Entrez, GenBank Report, Accession No. NP_040754, from Inokuchi, Y., et al. (June 2003)				
EXAMINER				DATE CONSIDERED			

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FORM PTO-1449 <u>SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>			ATTY. DOCKET NO. 1700.0190005/BJD/SJE		APPLICATION NO. 10/050,898		
			APPLICANT RENNER et al.				
			FILING DATE January 18, 2002		GROUP 1645		
U. S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>125</u>	NCBI Entrez, GenBank Report, Accession No. NP_061354, from Ishikawa, S., et al. (September 2003)				
	AS	<u>125</u>	NCBI Entrez, GenBank Report, Accession No. NP_031804, from Lenda, D.M., et al. (September 2003)				
	AT	<u>125</u>	NCBI Entrez, GenBank Report, Accession No. NP_006410, from Luther, S.A., et al. (September 2003)				
EXAMINER				DATE CONSIDERED			
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			FILING DATE January 18, 2002		GROUP 1645		
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>126</u>	NCBI Entrez, GenBank Report, Accession No. NP_000748, from Yao, G.Q., et al. (September 2003)				
	AS	<u>126</u>	NCBI Entrez, GenBank Report, Accession No. P03069, from Hinnebusch, A.G., et al. (September 2003)				
	AT	<u>126</u>	NCBI Entrez, GenBank Report, Accession No. O00585, from Hromas, R., et al. (September 2003)				
EXAMINER				DATE CONSIDERED			
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		APPLICANT RENNER et al.		
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>127</u>	NCBI Entrez, GenBank Report, Accession No. P14174, from Weiser, W.Y., et al. (September 2003)
	AS	<u>127</u>	NCBI Entrez, GenBank Report, Accession No. P48061, from Spotila, L.D., et al. (September 2003)
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AT	<u>127</u>	NCBI Entrez, GenBank Report, Accession No. P80003, from Vandermeers, A., et al. (September 2003)

EXAMINER	DATE CONSIDERED
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FORM PTO-1449 <u>SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 1700.0190005/BJD/SJE	APPLICATION NO. 10/050,898	
		APPLICANT RENNER et al.		
		FILING DATE January 18, 2002	GROUP 1645	

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FOREIGN PATENT DOCUMENTS							
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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>128</u>	Swiss-Prot/TrEMBL, TN11_Mouse, Primary Accession No. O35235, entered in Swiss-Prot in October 2001				
	AS	<u>128</u>	Swiss-Prot/TrEMBL, TN11_Human, Primary Accession No. O14788, entered in Swiss-Prot in October 2001				
	AT	<u>128</u>	Copy of co-pending U.S. application 10/622,064, inventors Bachmann et al., filed July 18, 2003 (NOT PUBLISHED)				

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		APPLICANT RENNER et al.		
		FILING DATE January 18, 2002	GROUP 1645	

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FOREIGN PATENT DOCUMENTS							
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>129</u>	Copy of co-pending U.S. application 10/617,876, inventors Bachmann et al., filed July 14, 2003 (NOT PUBLISHED)				
	AS	<u>129</u>	Copy of co-pending U.S. application 10/622,087, inventors Bachmann et al., filed July 18, 2003 (NOT PUBLISHED)				
	AT	<u>129</u>	Copy of co-pending U.S. application 10/622,124, inventors Bachmann et al., filed July 18, 2003 (NOT PUBLISHED)				
EXAMINER				DATE CONSIDERED			

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Mary Mosher

04/03/2006



FORM PTO-1449 <u>SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 1700.0190005/BJD/SJE	APPLICATION NO. 10/050,898
		APPLICANT RENNER et al.	FILING DATE January 18, 2002

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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>130</u>	Jegerlehner, A., et al., "A molecular assembly system that renders antigens of choice highly repetitive for induction of protective B cell responses," Vaccine 20:3104-3112, Elsevier Science, Ltd. (August 2002)				
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AS	<u>130</u>	The Biology of Animal Viruses, 2nd ed., Fenner, F., et al., eds., Academic Press, New York, NY, pp. 117-119 (1974)				
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AT	<u>130</u>	NCBI Entrez, PubMed Abstract, PMID: 2205968, Diallo, A., et al., "Morbillovirus group: genome organization and proteins," Vet. Microbiol. 23:155-163 (1990)				

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Mary Mosher

04/03/2006

Electronic Information Disclosure Statement



Molecular antigen array

Application: 10/050898

Confirmation: 7794

Applicant(s): Wolfgang Renner

Docket Number: 1700.0190005

Group Art Unit:

Examiner:

search string: (5071651 or 5334394 or 5374426 or 5580859 or 5698424 or 5739026 or 5770380 or 5766602 or 5789245 or 5792462 or 5814482).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	5071651	1991-12-10		Sabara et al.		
	P02	5334394	1994-08-02		Kossovsky et al.		
	P03	5374426	1994-12-20		Sabara et al.		
	P04	5580859	1996-12-03		Felgner et al.		
	P05	5698424	1997-12-16		Mastico et al.		
	P06	5739026	1998-04-14		Garoff et al.		
	P07	5770380	1998-06-23		Hamilton et al.		
	P08	5766602	1998-06-16		Xiong et al.		
	P09	5789245	1998-08-04		Dubensky, Jr.		

					et al.
M	P10	5792462	1998-08-11		Johnston et al.
M	P11	5814482	1998-09-29		Dubensky, Jr. et al.

Signature

Examiner Name	Date
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	4-3-06

Statement

Molecular Antigen Array

Application:



10/050898

Confirmation:

7794

Applicant(s):

Wolfgang Renner

Docket Number:

1700.0190005

Group Art Unit:

Examiner:

search string:

(6380364 or 20020081295 or 20020064533).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
M	P01	6380364	2002-04-30		Mueller et al.		

Published Applications

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
M	U01	20020081295	2002-06-27		Schiller et al.		
M	U02	20020064533	2002-05-30		Murray		



Signature

Examiner Name	Date
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	4-3-06



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Molecular Antigen Array			
Application Number:	10/050898			
Confirmation Number:	7794			
First Named Applicant:	Wolfgang Renner			
Attorney Docket Number:	1700.0190005			
Search string:	(4722840 or 5143726 or 5789245 or 5792462 or 5871747 or 5928647 or 6004763 or 6054312 or 6231864 or 5580859).pn.			
US Patent Documents				
Note: Applicant is not required to submit a paper copy of cited US Patent Documents				
init	Cite.No.	Patent No.	Date	Patentee
	1	4722840	1988-02-02	Valenzuela et al.
	2	5143726	1992-09-01	Thornton et al.
	3	5789245	1998-08-04	Dubensky, Jr. et al.
	4	5792462	1998-08-11	Johnston et al.
	5	5871747	1999-02-16	Gengoux-Sedlik et al.
	6	5928647	1999-07-27	Rock
	7	6004763	1999-12-21	Gengoux et al.
	8	6054312	2000-04-25	Larocca et al.
	9	6231864	2001-05-15	Birkett
	10	5580859	1996-12-03	Felgner et al.
				B1

Signature

Examiner Name	Date
<i>Mosby</i>	4-3-06

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1700.0190005/BJD/SJE	APPLICATION NO. 10/050,898
		FIRST NAMED INVENTOR Wolfgang Renner	
		FILING DATE January 18, 2002	ART UNIT 1648

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes
AM						No
AN						Yes
MM	AO5 WO 03/080665 A2	10/02/2003	WIPO			No
AP5						Yes

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR					
	AS					
	AT					
EXAMINER				DATE CONSIDERED		

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